

REMARKS

Claims 1, 4, 6-11, 13-22, 24-29, 39-45 and 73 are pending. An Office Action mailed September 3, 2008 rejected Claims 1, 4, 6-11, 13-22, 24-29, 39-45 and 73 under 35 U.S.C. § 103. Applicants hereby respectfully request reconsideration of the application.

REJECTION OF CLAIMS UNDER 35 U.S.C. § 103

The Office Action rejected Claims 1, 4, 9-11, 13-22, 24-26, 39-45 and 73 as being unpatentable over *Al-Ali et al* (hereinafter *Al-Ali*) in view of *Emoto*. The Office Action states that *Al-Ali* does not explicitly teach a processor included in the housing and generate video signals based on the sound signal. *Al-Ali* teaches a subwoofer speaker housing not limited to locating the processor inside or outside of the speaker housing. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to put the processor inside the speaker housing to protect the processor and save space. Applicants respectfully traverse this rejection.

Applicants submit that *Al-Ali* does limit their invention to locating the processor (controller 54) outside of the speaker housing 23. *Al-Ali* shows in FIGURE 1 the controller 54 and amplifier 44 are located outside of the speaker housing 23. Applicants submit that *Al-Ali* makes no mention of locating the controller 54 or the amplifier 44 inside the speaker housing 23. Because the only suggestion for placing the processor inside the speaker housing comes from the present invention, impermissible hindsight analysis is being used. Therefore, Applicants submit that *Al-Ali* fails to teach or suggest the claimed invention.

Also, the Office Action presents that *Emoto* teaches generating a video signal based on the sound signal and a video output port. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teaching of *Emoto* with *Al-Ali* to generate a video signal. Applicants respectfully traverse this rejection.

Applicants submit that cable 16 is not a video output cable or port. The control section 36 performs processing of measured data including computation of measured characteristic, desired characteristic and correction characteristic and computation of the equalizer filter coefficients corresponding to the correction characteristic (Fourier inverse transform), switching of connections in the patch bay section and other necessary controls in the main unit 12 and exchange of signals with the CPU 42 in the remote control unit 14 (col. 13, lines 26-35). Applicants submit that control section 36 is only generating raw data. The control section 36 is not generating any video signals. Most likely the CPU 42 in the remote control unit 14 for display onto the display 40 of the remote control unit 14 based on the received raw data. Therefore, Applicants submit that *Emoto* fails to teach or suggest a video output port included in a subwoofer speaker housing that generates a video signal.

Therefore, Applicants submit that *Al-Ali* and *Emoto*, alone or in combination, fail to teach or suggest that the subwoofer speaker is only included in the speaker housing and that the speaker housing also includes a processor and a video output port. Therefore, Applicants submit that independent Claims 1, 16 and 39 are allowable over the cited references.

Because Claims 4, 9-11, 13-22, 24-26, 40-45 and 73 depend from allowable independent claims, they are allowable for the same reasons that make their corresponding independent claims allowable.

The Office Action rejected Claims 6-8 and 27-29 as being unpatentable over *Al-Ali* and *Emoto* in view of *Ouchi*.

Applicants submit that *Ouchi* fails to overcome the deficiencies of *Al-Ali* and *Emoto* noted above, therefore because Claims 6-8 and 27-29 depend from allowable independent claims, they are allowable for the same reasons that make their corresponding independent claims allowable.

CONCLUSION

Applicants believes that the Claims of the pending application are now in condition for allowance over the cited references. Accordingly, Applicants respectfully request withdrawal of the rejections, allowance, and early passage through issuance. If the Examiner has any questions, the Examiner is invited to contact the Applicants' agent listed below.

Respectfully submitted,

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